

We claim:

1. A digital video device, comprising:
a processor; and
a digital random-access memory communicating with said processor and including an edit tag library storing a plurality of edit tags and a video storage storing digital video data comprising one or more video segments and one or more embedded edit tags, with said one or more embedded edit tags being selected from said edit tag library and specifying edit operations to be performed on said digital video data.
2. The digital video device of claim 1, further comprising:
a sound transducer receiving sound and generating an audio signal in response;
an audio processor communicating with said processor and said sound transducer, said audio processor receiving said audio signal, extracting one or more voice commands from said audio signal, extracting one or more edit tags from said one or more voice commands, and passing said one or more voice commands and said one or more edit tags to said processor.
3. The digital video device of claim 2, wherein said sound transducer, said audio processor, and said processor are used to control operations of said digital video device according to said voice commands.

4. The digital video device of claim 2, wherein said sound transducer, said audio processor, and said processor extract vocalized edit tags and embed said edit tags in said digital video data stored in said video storage.

5. The digital video device of claim 1, further comprising a digital image sensor communicating with said processor and capable of generating digital video data, wherein said digital video device comprises a digital video recorder.

6. The digital video device of claim 1, further comprising a user interface capable of accepting user inputs, including accepting edit tag inputs.

7. The digital video device of claim 1, said digital memory further including a voice command library storing a plurality of voice commands, and wherein a voice sample is compared to said voice command library in order to recognize one or more voice commands from said audio signal.

8. The digital video device of claim 1, said digital memory further including a label list storage storing all video segment labels of digital video data stored in said video storage.

9. A video edit method for a digital video device, comprising the steps of:
generating one or more edit tags; and
embedding said one or more edit tags into digital video data stored in a digital memory;

wherein said one or more edit tags delineate one or more edit operations to be performed on one or more video segments of said digital video data.

10. The method of claim 9, wherein the generating and embedding steps occur when said digital video device is in a video record mode.

11. The method of claim 9, wherein the generating and embedding steps occur when said digital video device is in a video review mode.

12. The method of claim 9, wherein an embedded edit tag of said one or more edit tags comprises a digital symbol that represents a captured, vocalized edit tag.

13. The method of claim 9, wherein an embedded edit tag of said one or more edit tags comprises a digital symbol that represents a captured, vocalized edit tag and wherein the step of generating one or more edit tags further comprises the steps of:

capturing an audio signal;
recognizing one or more voice commands from said audio signal; and
correlating said one or more voice commands to a predetermined library of edit tags in order to detect said one or more edit tags.

14. The method of claim 13, further comprising the step of employing a recognized voice command to control an operation of said digital video device.

15. The method of claim 9, further comprising the steps of:
scanning said digital video data for embedded edit tags; and
performing an edit operation specified by each found edit tag.

16. The method of claim 15, wherein the scanning and performing steps are iteratively performed for an entire length of said digital video data.

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17. A video edit method for a digital video device, comprising the steps of:
generating one or more edit tags;
embedding said one or more edit tags into digital video data stored in a digital memory, with said one or more edit tags delineating one or more edit operations to be performed on one or more video segments of said digital video data;
scanning said digital video data stored in a digital memory for embedded edit tags; and
performing an edit operation specified by each found edit tag.

18. The method of claim 17, wherein an embedded edit tag of said one or more edit tags comprises a digital symbol that represents a captured, vocalized edit tag.

19. The method of claim 17, wherein the scanning and performing steps are iteratively performed for an entire length of said digital video data.